JUL 1 3 2005

Please type a plus signor inside this box —

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE deduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/644,324		
Filing Date	August 20, 2003		
First Named Inventor	Brian Johnson		
Group Art Unit	2188		
Examiner Name	R. Bragdon		
Attorney Docket Number	2260_4106_1115_(00_0458_01/115)		

Postcard receipt acknowledgment (attached to the front of this transmittal)			Adom	ey Docket Number	2209-4190.103 (99-0456.01/03)	
(attached to the front of this transmittal) Duplicate copy of this transmittal sheet in the event that additional filing fees are required under 37 C.F.R. § 1.16 Preliminary Amendment Petition for Extension of Time and Check No. in the amount of \$180.00 Associate Power of Attorney Petition for Extension of Time and Check No. in the amount of \$180.00 Amendment under 37 C.F.R. § 1.16 in response to office action dated April 11, 2005 Amendment under 37 C.F.R. § 1.16 in response to final office action dated April 17, 2005 Amendment under 37 C.F.R. § 1.16 in response to final office action dated Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of \$180.00 Petition for Extension of Time and Check No. in the amount of			ENCLOSURES	(check all that apply)		
Statement; PTO/SB/08A (08-00); copy of cited references and Check No. in the amount of \$180.00 Preliminary Amendment	(attached to the fi		PTO/SB/08A (08-00); copy of		Terminal Disclaimer	
Response to Restriction Requirement/Election of Species Requirement dated Amendment in response to office action dated April 11, 2005 Amendment under 37 C.F.R. § 1.116 in response to final office action dated Additional claims fee - Check No. in the amount of \$ Certified Copy of Priority Document(s) in the amount of \$ Certified Copy of Priority Document(s) in the amount of \$ Letter to Chief Draftsman and copy of FIGS. with changes made in red Transmittal of Formal Drawings Remarks The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. § 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name Kevin K. Johanson Registration No. 38,506	sheet in the event that additional filing fees are required under		Statement; PTO/SB/08A (08-00); copy of cited references and Check No.		Terminal Disclaimer ~	
Requirement/Election of Species Requirement dated Amendment in response to office action dated April 11, 2005 Amendment under 37 C.F.R. § 1.116 in response to final office action dated Additional claims fee - Check No. in the amount of \$ Letter to Chief Draftsman and copy of FIGS. with changes made in red Transmittal of Formal Drawings Femarks The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name Signature Date July 11, 2005	Preliminary Amer	Preliminary Amendment		r of Attorney	Terminal Disclaimer	
Amendment under 37 C.F.R. § 1.116 in response to final office action dated April 11, 2005 Amendment under 37 C.F.R. § 1.116 in response to final office action dated Other Enclosure(s) (please identify below): Other Enclosure(s) (please identify below): Other Enclosure(s) (please identify below): Certified Copy of Priority Document(s) in the amount of \$ Assignment Papers (for an Application) Transmittal of Formal Drawings Remarks The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name Kevin K. Johanson Registration No. 38,506	Requirement/Election of Species					
1.116 in response to final office action dated Additional claims fee - Check No. in the amount of \$ Letter to Chief Draftsman and copy of FIGS. with changes made in red Transmittal of Formal Drawings Formal Drawings (sheets) The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §\$ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name Signature Date July 11, 2005			Petition			
Additional claims fee - Check No. in the amount of \$	1.116 in response to final office		Fee Transmittal Form			
of FIGS. with changes made in red Transmittal of Formal Drawings Remarks The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name Registration No. 38,506 Signature Date July 11, 2005						
The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name Kevin K. Johanson Registration No. 38,506 Signature Date July 11, 2005	of FIGS. w					
Signature Date Sheets) Submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Registration No. 38,506 Signature July 11, 2005	Transmittal of Formal Drawings		Remarks			
Firm or Individual name Kevin K. Johanson Registration No. 38,506 Signature Date July 11, 2005	Formal Drawings (sheets)		submitted with any document or request requiring fee payment under 37 C.F.R. §§			
Individual name Signature Date July 11, 2005		SIGNA	TURE OF APPLICA	ANT, ATTORNEY, O	R AGENT	
Date July 11, 2005		Kevin K. Johanson Re		gistration No. 38,506		
	Signature	# ZH				
CERTIFICATE OF MAILING	Date	July 11, 2005				
	CERTIFICATE OF MAILING					

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

Leta M. Howard

Signature

Date

July 11, 2005

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DRW



E UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Brian Johnson

Serial No.: 10/644,324

Filed: August 20, 2003

For: METHOD AND APPARATUS FOR ADDRESS FIFO FOR HIGH-BANDWIDTH COMMAND/ADDRESS BUSSES IN DIGITAL STORAGE SYSTEM

Confirmation No.: 6644

Examiner: R. Bragdon

Group Art Unit: 2188

Attorney Docket No.: 2269-4196.1US

(99-0458.01/US)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 11, 2005 Date

Leta M. Howard

Name (Type/Print)

AMENDMENT

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

The following amendments and remarks are filed in response to the Examiner's remarks in the Office Action mailed April 11, 2005, the three-month shortened statutory period for response to which expires on July 11, 2005.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 9 of this paper.